## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

#### (19) World Intellectual Property Organization

International Bureau



# ) TERRIT BYNNING IN BERKE KIRIN BERKE BERKE HAN HAN DERKE SKALE BYNE BERKE BYNN BERKE AND BERKER HERB HAR BERK

# (43) International Publication Date 31 July 2003 (31,07,2003)

**PCT** 

# (10) International Publication Number WO 2003/063058 A3

(51) International Patent Classification<sup>7</sup>: 9/46, 15/173

G06F 3/00,

(21) International Application Number:

PCT/US2003/001853

(22) International Filing Date: 21 January 2003 (21.01.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/349,914

18 January 2002 (18.01.2002) US

(71) Applicant (for all designated States except US): AC-CENX TECHNOLOGIES, INC. [US/US]; 7 Corporate Park, Suite 160, Irvine, CA 92606 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): CHENG, David [US/US]; 32 N. Santa Teresita, Irvine, CA 92606 (US). FUNG, Vivien [US/US]; 57 Windswept Way, Mission

Viejo, CA 92692 (US). PADILLA, Andrew [US/US]; 6723 Boca Negra Pl. NW, Albuquerque, NM 87120 (US).

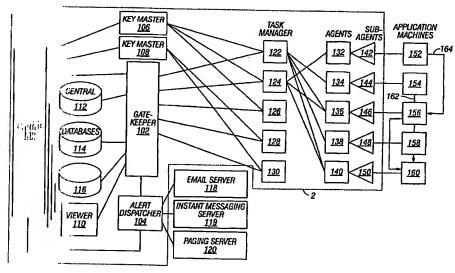
- (74) Agent: PETTIT, Jonathan L.; Brobeck, Phleger & Harrison LLP, 12390 El Camino Real, San Diego, CA 92130 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

[Continued on next page]

### (54) Title: SYSTEM AND METHOD FOR DATA TRACKING AND MANAGEMENT



(57) Abstract: In one embodiment of the present invention's a system for tracking and managing data over a computer network including a plurality of application computers each operating a computer software application program is provided, comprising a key master (106, 108); a system startup module (100) connected to the key master (106, 108); a gatekeeper (102) connected to the system startup module (100); as task manager (122, 124, 126, 128's 130) connected to the key master (106, 108) and the gatekeeper (102); a central database (112, 114, 116) connected to the gatekeeper (102); a plurality of agents (132, 134, 136, 138, 140) connected to the task manager; a plurality of sub-agents (142, 144, 146, 148, 150) independently connected to the plurality of agents (132, 134, 136, 138, 140) and the plurality of application computers (152, 154,156, 158, 160); and an alert dispatcher (104) connected to the system startup module (100) and the gatekeeper (102).

O 2003/063058 A3

### WO 2003/063058 A3



 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report: 14 April 2005

### INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/01853

A. CLA	CCIDICA IIII ON OTHER	PC1/0303/0185	3
A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G06F 3/00, 9/46, 15/173			
US CL : 709/224; 718/100; 719/314, 318			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
U.S.: 709/224; 718/100; 719/314, 318			
			•
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
	minimum documentation to t	he extent that such documents are included	in the fields searched
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOC	THE COLUMN COLUM		
	CUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where	appropriate, of the relevant passages	Relevant to claim No.
Y, P	US 2002/0169870 A1 (VOSSELER et al) 14 Nove 32-34, 37-40	ember 2002 (14.11.2002), paragraphs 27,	1-21
Y	US 5,592,664 A (STARKEY) 07 January 1997 (0'	7.01.1007)1 61 66	
•	7 lines 31-57, column 10 lines 55- column 11 line	10 column 19 lines 1.5 column 25 lines	1-21
	30- column 26 line 7.	20, column 15 mics 1-5, column 25 mie	
Α	US 5,822,583 A (TABUCHI) 12 October 1998 (12	2.10.1998).	1-21
Α	US 5,838,969 A (JACKLIN et al) 17 November 1998 (17.11.1998).		
	OS 5,050,505 A (JACKLIN et al) 17 November 1998 (17.11.1998).		1-21
Α	A US 5,941,996 A (SMITH et al) 24 August 1999 (24.08.1999).		1.01
			1-21
A,P US 6,507,852 B1 (DEMPSEY et al) 14 January 2003 (14.01.2003).		1-21	
Α	A US 6,253,243 B1 (SPENCER) 26 June 2001 (26.06.2001).		
T I			1-21
	documents are listed in the continuation of Box C.	See patent family annex.	
* Sp	ecial categories of cited documents:	"T" later document published after the inter	mational filing date or priority
"A" document defining the general state of the art which is not considered to be			ation but cited to understand the
of particul	ar relevance		
"E" earlier app	dication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be consider	laimed invention cannot be
"L" document	which may throw doubts on priority claim(s) or which is cited to	when the document is taken alone	ed to involve an inventive step
establish tl specified)	ne publication date of another citation or other special reason (as	"Y" document of particular relevance; the c	laimed invention cannot be
•	man Committee and a second at the second at	considered to involve an inventive step combined with one or more other such	when the document is
	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the	art
"P" document priority da	published prior to the international filing date but later than the	"&" document member of the same patent fr	amily
Date of the actual completion of the international search		Date of mailing of the international search report	
02 February 2005 (02.02.2005)		01 MAR 2009	
Name and mailing address of the ISA/US  Mail Stop PCT, Atm: ISA/US		Authorized officer	
Commissioner for Patents		Glenton Burgess	Matthewin
P.O. Box 1450 Alexandria, Virginia 22313-1450		Tolonham No Care of Mala P.	11100thiste
acsimile No.	(703)305-3230	Telephone No. (571)-272-3949	
orm PCT/ISA/210 (second sheet) (July 1998)			
M	( oricor) (anth 1229)		